



C-HA-RAS1
RALA
RAB-1A
RHOHP1
CDC42
RAC2
ARL1
RND3/RHOE
AGS1

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FIG.4B

G2

QIKRVKD-----SDDVPMVLVGNKCDLAA-----RTVESRQADLARS
QILRVKE-----DENVPFLLVGNKSDLEDK-----RQVSVEEAKNRAEQ
QEIDRYA-----SENVNKLVLVGNKCDLTTK-----KVVDYTTAKEFADS
PEVNHF-----CKKVPIIIVGCKTDLRKDKSLVNKLRRNGLEPVTYHRGQEMARSV
PEITHH-----CPKTPFLLVGTQIDLRDDPSTIEKLAKNKQKPIPTETAELARDL
PEVRHH-----CPSTPIILVGTKLDLRDDKDTIEKLKERKLAPITYPQGLALAKEI
AMLEEEE-----LRKAILVVFANKQDMEQAMTSSEMANSGLPALKDKK-----
GEIQEF-----CPNTKMLLVGCKSDLRDVTSTLVLSNHRQTPVSYDQGANMAKQI
QILDTKSCLKNKTKENVDVPLVICGNKGD-RDFY-----REVDQREIEQLVGD

G3

YG--IPYIETSAKTRQG-VEDAFYTLVREIR-----
WN--VNYVETSAKTRAN-VDKVFFDLMRER-----
LG--IPFLETSAKNATN-VEQSFTMAAEIK-----
GA--VAYLECSARLHDN-VHAVFQEAEEVAL-----
KA--VKYVECSALTQRG-LKNVFDEAILAAL-----
DS--VKYLECSALTQRG-LKTVFDEAIRAVL-----
----WQIFKTSATKGTG-LDEAMEWLVELKSRQ
GA--ATYIECSALQSENSVRDIF-----HVATLAC-----VNKTNKNVKNRK
DPQRCAYFEISAKNNS-LDQMFRALFAMAKLPSEMSPDLHRKVSQYCDVLHKKALRNKK

-----QHKLRKLNPPDESGPGCMSCKCVLS
-----ARKMEDSKEKNGKKRKSIAKRIRERCCIL
-KRMGPGATAGGA-----EKS NVKIQSTPVKQAGGGCC
-----SSRGRNFWRRITQGFCVVT
-----EPPETQPKRKCCIF
-----CPQPTRQOKRACSL

SQRA-----TKRISHMPSRP-----ELSAVATDLRKDKAKSCTVM
LLRAGSGGGGDPGDAFGIVAPFARRPSVHSDLMYIREKASAGSQAKDKERCVIS

REPLACEMENT SHEET